

## AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 11, line 27 through page 12, line 6 with the following amended paragraph:

As shown in FIG. 2A, impact response acceleration signal  $a(t)$  having a pseudo signal measured by piezoelectric-type acceleration sensor 13 mounted at the end of a bar 12, the other end of which is impacted by an impact bullet 11, the sensor 13 being ~~was~~ used as an object of the method for processing a signal of the present invention. In this connection, the method for measuring dynamic response characteristics by an impact acceleration meter disclosed in Japanese Patent publication for opposition purpose (Kokoku) No. 6-52270, in which a pseudo signal due to the zero-shift does not arise theoretically, was used as a comparative example, and the impact response acceleration signal was measured by a strain gauge 24 mounted on a bar 22 at a distance 25 from the end of the bar 22 on which end a piezoelectric-type acceleration sensor 23 is mounted and the other of which is impacted by an impact bullet 21 as shown in FIG. 2B, thus the result obtained was used as a standard for quantification of the effect of the pseudo signal removal according to the present invention.